



REPORT No.: SZ25090192S01

Annex E Conducted Power

Note:

Conducted power unit: dBm

The target power was recorded in the manufacturer's document.



2.4GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
802.11b 1Mbps	CH 1	2412	18.05	19.00	18.50	91.91
	CH 6	2437	18.06	19.00	18.50	91.55
	CH 11	2462	18.34	19.00	18.50	91.91
802.11g 6Mbps	CH 1	2412	17.22	17.50	17.50	100.00
	CH 6	2437	17.04	17.50	17.50	100.00
	CH 11	2462	17.34	17.50	17.50	100.00
802.11n-HT20 MCS0	CH 1	2412	17.22	16.50	17.50	100.00
	CH 6	2437	17.09	17.00	17.50	100.00
	CH 11	2462	17.28	16.50	17.50	100.00
802.11ac-HEW20 MCS0	CH 1	2412	14.80	15.00	16.50	50.88
	CH 6	2437	13.50	14.50	16.50	50.81
	CH 11	2462	14.04	15.50	16.50	51.16
802.11ac-HEW40 MCS0	CH 3	2422	13.03	13.50	16.50	45.56
	CH 6	2437	12.58	14.00	16.50	34.83
	CH 9	2452	12.87	14.00	16.50	40.33
802.11ac-HEW20 MCS0 (RU26)	CH 1	2412	15.73	16.50	16.50	69.10
	CH 6	2437	15.56	16.00	16.50	66.51
	CH 11	2462	15.76	16.50	16.50	66.42
802.11ac-HEW20 MCS0 (RU52)	CH 1	2412	13.61	15.50	16.50	50.95
	CH 6	2437	14.37	14.00	16.50	50.88
	CH 11	2462	14.30	14.50	16.50	50.91
802.11ac-HEW20 MCS0 (RU106)	CH 1	2412	13.61	13.50	16.50	34.83
	CH 6	2437	12.70	13.00	16.50	35.08
	CH 11	2462	13.15	13.50	16.50	34.77
802.11ac-HEW40 MCS0 (RU26)	CH 3	2422	9.76	16.50	16.50	19.47
	CH 6	2437	9.60	16.00	16.50	19.62
	CH 9	2452	10.27	16.50	16.50	19.62
802.11ac-HEW40 MCS0 (RU52)	CH 3	2422	13.61	14.50	16.50	50.95
	CH 6	2437	14.37	15.00	16.50	50.88
	CH 9	2452	14.30	15.00	16.50	50.91
802.11ac-HEW40 MCS0 (RU106)	CH 3	2422	12.61	13.50	16.50	34.83
	CH 6	2437	12.70	13.50	16.50	35.08
	CH 9	2452	13.15	14.00	16.50	34.77
802.11ac-HEW20 MCS0 (RU242)	CH 3	2422	9.76	10.50	16.50	19.47
	CH 6	2437	9.60	10.50	16.50	19.62
	CH 9	2452	10.27	11.00	16.50	19.62

5.2GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
802.11a 6Mbps	CH 36	5180	16.51	17.00	16.00	100.00
	CH 44	5220	16.10	17.50	16.00	
	CH 48	5240	16.45	17.00	16.00	
802.11n-HT20 MCS0	CH 36	5180	15.95	16.50	15.50	100.00
	CH 44	5220	16.26	17.00	15.50	
	CH 48	5240	16.07	17.00	15.50	
802.11n-VHT40 MCS0	CH 38	5190	16.01	17.00	15.50	100.00
	CH 46	5230	15.97	16.50	15.50	
	CH 36	5180	15.67	16.50	15.00	
802.11ac-VHT20 MCS0	CH 44	5220	15.04	15.50	15.00	100.00
	CH 48	5240	15.30	16.00	15.00	
	CH 38	5190	15.10	16.00	15.00	
802.11ac-VHT40 MCS0	CH 46	5230	15.03	15.50	15.00	100.00
	CH 42	5210	15.91	16.50	15.00	
	CH 36	5180	14.06	14.50	13.50	
802.11ac-HEW20 MCS0	CH 44	5220	13.99	14.50	13.50	100.00
	CH 48	5240	13.78	14.50	13.50	
	CH 38	5190	14.16	15.00	13.50	
802.11ac-HEW40 MCS0	CH 46	5230	14.23	15.00	13.50	100.00
	CH 42	5210	14.07	14.50	13.50	
	CH 36	5180	8.67	9.50	8.00	67.29
802.11ac-HEW20 MCS0 (RU26)	CH 44	5220	8.82	9.50	8.00	67.29
	CH 48	5240	8.89	9.50	8.00	67.29
802.11ac-HEW20 MCS0 (RU52)	CH 36	5180	10.89	10.50	11.00	51.72
	CH 44	5220	10.42	11.00	11.00	51.72
	CH 48	5240	10.71	11.50	11.00	51.72
802.11ac-HEW20 MCS0 (RU106)	CH 36	5180	12.55	13.00	12.00	34.55
	CH 44	5220	12.71	13.50	12.00	41.94
	CH 48	5240	12.36	13.00	12.00	36.36
802.11ac-HEW40 MCS0 (RU26)	CH 38	5190	8.72	9.50	8.00	67.29
802.11ac-HEW40 MCS0 (RU52)	CH 38	5190	11.76	12.50	11.00	54.74
802.11ac-HEW40 MCS0 (RU106)	CH 38	5190	12.79	13.50	12.00	35.75
802.11ac-HEW40 MCS0 (RU242)	CH 38	5190	12.60	13.50	12.00	19.61
802.11ac-HEW80 MCS0 (RU26)	CH 42	5210	8.65	9.50	8.00	67.29
802.11ac-HEW80 MCS0 (RU52)	CH 42	5210	11.84	12.50	11.00	51.72
802.11ac-HEW80 MCS0 (RU106)	CH 42	5210	12.92	13.50	12.00	46.91
802.11ac-HEW80 MCS0 (RU242)	CH 42	5210	12.85	13.50	12.00	9.08
802.11ac-HEW160 MCS0 (RU242)	CH 42	5210	12.76	13.50	12.00	13.83

5.3GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
802.11a 6Mbps	CH 52	5260	16.61	17.00	16.00	100.00
	CH 60	5300	16.42	17.00	16.00	
	CH 64	5320	16.00	16.50	16.00	
802.11n-HT20 MCS0	CH 52	5260	16.20	17.00	15.50	100.00
	CH 60	5300	15.93	16.50	15.50	
	CH 64	5320	15.65	16.50	15.50	
802.11n-VHT40 MCS0	CH 54	5270	15.75	16.50	15.50	100.00
	CH 62	5310	15.71	16.50	15.50	
	CH 52	5260	15.62	16.50	15.00	
802.11ac-VHT20 MCS0	CH 60	5300	15.26	16.00	15.00	100.00
	CH 64	5320	15.00	16.00	15.00	
	CH 54	5270	15.27	16.00	15.00	
802.11ac-VHT40 MCS0	CH 62	5310	15.03	16.00	15.00	100.00
	CH 58	5290	15.62	16.50	15.00	
	CH 52	5260	13.94	14.50	13.50	
802.11ac-HEW20 MCS0	CH 60	5300	13.91	14.50	13.50	100.00
	CH 64	5320	13.54	14.00	13.50	
	CH 54	5270	14.02	14.50	13.50	
802.11ac-HEW40 MCS0	CH 62	5310	13.80	14.50	13.50	100.00
	CH 58	5290	13.78	14.50	13.50	
	CH 52	5260	8.63	9.50	8.00	67.29



	802.11a-HEW20 MCS9 (RU25)	CH 60	5300	8.83	9.50	8.00	67.29
		CH 64	5320	8.40	9.00	8.00	69.90
		CH 52	5260	10.96	11.50	11.00	51.72
	802.11a-HEW20 MCS9 (RU52)	CH 60	5300	11.16	12.00	11.00	55.07
		CH 64	5320	11.00	11.50	11.00	54.74
		CH 52	5260	12.57	13.00	12.00	36.36
	802.11a-HEW20 MCS9 (RU106)	CH 60	5300	12.47	13.00	12.00	36.36
		CH 64	5320	12.07	13.00	12.00	36.36

5.5GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.5GHz WLAN ANT 1	802.11a 6Mbps	CH 100	5500	16.80	17.50	16.00	100.00
		CH 116	5580	16.97	17.50	16.00	
		CH 144	5720	16.86	17.50	16.00	
	802.11a-HT20 MCS9	CH 100	5500	15.92	16.50	15.50	100.00
		CH 116	5580	16.18	17.00	15.50	
		CH 144	5720	16.02	16.50	15.50	
	802.11a-HT40 MCS9	CH 102	5510	16.25	17.00	15.00	100.00
		CH 110	5550	16.30	17.00	15.00	
		CH 142	5710	16.29	17.00	15.00	
	802.11a-VHT20 MCS9	CH 100	5500	15.56	16.00	15.00	100.00
		CH 116	5580	15.55	16.00	15.00	
		CH 144	5720	15.76	16.50	15.00	
	802.11a-VHT40 MCS9	CH 102	5510	15.75	16.50	15.00	100.00
		CH 110	5550	15.76	16.50	15.00	
		CH 142	5710	15.94	16.50	15.00	
	802.11a-VHT80 MCS9	CH 106	5530	15.75	16.50	15.00	100.00
		CH 122	5610	15.92	16.50	15.00	
		CH 138	5690	15.84	16.50	15.00	
	802.11a-HEW20 MCS9	CH 100	5500	14.36	15.00	13.50	100.00
		CH 116	5580	14.43	15.00	13.50	
		CH 144	5720	14.31	15.00	13.50	
	802.11a-HEW40 MCS9	CH 102	5510	14.48	15.00	13.50	100.00
		CH 110	5550	13.93	14.50	13.50	
		CH 142	5710	14.16	15.00	13.50	
	802.11a-HEW80 MCS9	CH 106	5530	14.46	15.00	13.50	100.00
		CH 122	5610	14.29	15.00	13.50	
		CH 138	5690	14.17	15.00	13.50	
	802.11a-HEW20 MCS9 (RU25)	CH 100	5500	8.71	9.50	8.00	67.61
		CH 116	5580	8.80	9.50	8.00	67.29
		CH 144	5720	8.75	9.50	8.00	66.96
	802.11a-HEW20 MCS9 (RU52)	CH 100	5500	11.85	12.50	11.00	51.72
		CH 116	5580	11.91	12.50	11.00	51.72
		CH 144	5720	11.76	12.50	11.00	51.72
	802.11a-HEW20 MCS9 (RU106)	CH 100	5500	12.83	13.50	12.00	42.55
		CH 116	5580	12.84	13.50	12.00	37.25
		CH 144	5720	12.70	13.50	12.00	35.19

5.8GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.8GHz WLAN ANT 1	802.11a 6Mbps	CH 149	5745	16.81	17.50	16.00	100.00
		CH 157	5785	16.66	17.00	16.00	
		CH 165	5825	16.75	17.50	16.00	
	802.11a-HT20 MCS9	CH 149	5745	16.01	16.50	15.50	100.00
		CH 157	5785	15.88	16.50	15.50	
		CH 165	5825	16.01	16.50	15.50	
	802.11a-HT40 MCS9	CH 151	5755	16.27	17.00	15.50	100.00
		CH 159	5795	15.81	16.50	15.50	
		CH 149	5745	15.57	16.00	15.00	
	802.11a-VHT20 MCS9	CH 157	5785	15.48	16.00	15.00	100.00
		CH 165	5825	15.72	16.50	15.00	
		CH 151	5755	15.70	16.50	15.00	
	802.11a-VHT40 MCS9	CH 159	5795	15.69	16.50	15.00	100.00
		CH 155	5775	15.65	16.50	15.00	
		CH 149	5745	14.43	15.00	13.50	100.00
	802.11a-HEW20 MCS9	CH 157	5785	14.38	15.00	13.50	
		CH 165	5825	14.30	15.00	13.50	
	802.11a-HEW40 MCS9	CH 151	5755	14.29	15.00	13.50	100.00
		CH 159	5795	13.81	14.50	13.50	
		CH 155	5775	14.44	15.00	13.50	100.00
	802.11a-HEW80 MCS9	CH 149	5745	8.38	9.00	8.00	67.29
		CH 157	5785	8.83	9.50	8.00	67.29
		CH 165	5825	8.69	9.50	8.00	67.29
	802.11a-HEW20 MCS9 (RU25)	CH 149	5745	11.98	12.50	11.00	52.08
		CH 157	5785	11.88	12.50	11.00	51.72
		CH 165	5825	11.55	12.00	11.00	51.72
	802.11a-HEW20 MCS9 (RU52)	CH 149	5745	12.82	13.50	12.00	46.34
		CH 157	5785	12.30	13.00	12.00	42.55
		CH 165	5825	12.62	13.50	12.00	41.30

Mode	Channel	Frequency (MHz)	1Mbps			2Mbps			3Mbps		
			Average power (dBm)	Tune-up Limit	Duty Cycle %	Average power (dBm)	Tune-up Limit	Duty Cycle %	Average power (dBm)	Tune-up Limit	Duty Cycle %
BR / EDR	CH 30	2402	9.93	10.50	76.82	6.87	7.50	76.96	7.23	8.00	76.96
	CH 39	2441	9.32	10.00	76.82	5.98	6.50	76.96	6.13	7.00	76.96
	CH 78	2480	10.46	11.00	76.77	7.28	8.00	76.91	7.28	8.00	76.96
	Power Setting		default								

Mode	Channel	Frequency (MHz)	1Mbps			2Mbps		
			Average power (dBm)	Tune-up Limit	Duty Cycle %	Average power (dBm)	Tune-up Limit	Duty Cycle %
BLE	CH 30	2402	0.84	1.50	61.44	-1.85	0.00	32.00
	CH 39	2441	1.08	1.50	61.44	-1.73	0.00	32.00
	CH 78	2480	1.10	1.50	61.44	-1.70	0.00	32.00
	Power Setting		default					